



HE'S BACK, his trialogue bringing new shape to teaching patterns, and the first full-time staff appointments giving a new thrust to the Centre for Culture and Technology. (See page 3.)

The Macpherson debate will continue on Friday

With four resolutions from Dean A. D. Allen as "pivots for discussion" the Council of the Faculty of Arts and Science met in committee of the whole yesterday to talk about a sub-committee's plan for implementation of the Macpherson Report. (The sub-committee's report is a "postscript" to this issue of the *Bulletin*.) The meeting will resume in Convocation Hall at 2 p.m. Friday.

Dr. Claude Bissell, the chairman, said the general discussion that developed yesterday would be continued and that Dean Allen would re-introduce his first motion in reconstituted form.

Yesterday members of Council (about 300) sat on the ground floor and students (about 400) were in the galleries. Many individuals in both groups took part in the discussion, including SAC President Steven Langdon. In Mr. Langdon's view the seating arrangement was "obscene".

To this Dean Allen replied he had followed a plan suggested by the students at Simon Fraser where he had seen it work well. Dr. Bissell added that students had complete freedom to speak and that by throwing its meeting open to them the Council had demonstrated good will.

Dean Allen's motions, seconded by Dean Hallett were, Be it resolved:

(1) That Council approve the principle of freedom of choice for students in the selection of courses (from those offered for which they are qualified) with the restriction that in first year not more than two courses may be taken in any one subject;

(2) That Council accept the proposal that the present Honour and General Course programmes be discontinued; that Departments (or groups of Departments) be encouraged to offer specialised programmes for the second, third and fourth years that will permit students

PRINCETON, N.J.—Among prizes up for competition among students in the graduating classes of Canadian universities this year are 50 Woodrow Wilson Fellowships, each worth as much as \$3000 to \$4000. Designed for those considering careers in university teaching, especially in the humanities and social sciences, they cover a year's study in approved graduate schools.

One hundred similar awards will be made to successful candidates studying in U.S. universities.

Until 1968 the Woodrow Wilson National Fellowship Foundation annually awarded about 1000 fellowships in the United States and Canada. But last academic year Sir Hugh Taylor and his associates lacked funds to do more than choose 1124 Woodrow Wilson "designates" who were drawn to the attention of the continent's graduate schools as worthy of help from other sources.

This year support from the Ford Foundation and other agencies has made 150 fellowships possible. Another thousand candidates will be selected as designates.

A single or married Fellow without children will receive a stipend of up to \$2,000. Married male Fellows with children will be given \$1,000 for the first child and \$250 for each additional child. The Foundation also pays up to \$1,000 toward the cost of tuition.

A candidate for a Woodrow Wilson Fellowship must be nominated by a

faculty member of his undergraduate university or college. The Foundation then invites the nominee to enter the competition. A nominee must be a senior student thought by his sponsor to offer promise of becoming a valuable member of the university teaching profession.

Nominations should be sent to the appropriate regional chairman as early as possible and not later than October 20. All supporting documents must be filed with the chairman by November 15 at the latest.

Nominations and supporting documents from University of Toronto academic sponsors should be addressed to the chairman for Ontario and upper New York state, Professor Stephen M. Parrish, Goldwin Smith Hall, Cornell University, Ithaca, N.Y., 14850.

Invariably, when the Woodrow Wilson selections have been announced, U of T has ranked first in Canada and among the top half dozen colleges and universities on the continent.

In 1966-67, Harvard won 49 fellowships, Michigan 39 and Toronto was third with 27. U.B.C. took second place in Canada with 11.

In 1967-68, Toronto's total of 26 was bettered only by Harvard, Michigan and Cornell. In Canada, McGill and U.B.C. each took eight to tie for second.

Last year Toronto and Harvard each had 24 designates, behind Princeton with 32 and Cornell and Michigan, each with 27. In Canada, University of Manitoba was second with nine and U.B.C., Carleton and McGill, each with seven designates, tied for third.

COMING EVENTS

OCTOBER

3 THURSDAY

- Meeting** Special general meeting of the Association of the Teaching Staff to discuss the Commission on the Structure of the University. Cody Hall, School of Nursing (Russell Street entrance). 8 p.m.
- Music** Faculty of Music Thursday afternoon series. Recital "The Bach Variations Op. 81 by Max Reger". Prof. Gerhard Wuensch. Concert Hall, Edward Johnson Building. 2 p.m.
- Lectures** School of Graduate Studies and Department of Mechanical Engineering. "On the Drag of Viscous Bodies Near a Free Surface". Dr. John P. Dugan, Johns Hopkins University. Room 254 Mechanical Building. 4.10 p.m.
- Lecture** School of Graduate Studies, Department of Classics. "Philosophy, Science and Society in Ancient Greece". G. E. R. Lloyd, King's College, Cambridge. Room 240 Larkin Building, Trinity College. 4.30 p.m.
- Collectors' Night** Royal Ontario Museum. Canadian antiques brought by the public to the Sigmund Samuel Canadiana Building will be authenticated by a prominent dealer for a nominal charge of \$1 per object. Tours will be given of rarely-seen storage areas. Free admission. Refreshments. 5 to 10 p.m.

4 FRIDAY

- Lecture** School of Graduate Studies and Department of Chemistry. "Photochemical Valence Tautomerism". Dr. R. Srinivasan, International Business Machines Corporation, Yorktown Heights, N.Y. Room 158 Lash Miller Chemical Laboratories. 4 p.m.
- Seminar** "Some Problems in Plato's *Philebus*". G. E. R. Lloyd, Cambridge. Room 24, Trinity College. 4.30 p.m. Staff and graduate students are invited.
- Rock Hounds' Night** Members of amateur mineralogy and gem collecting clubs in Ontario are invited to visit the ROM's galleries of geology and mineralogy, and discuss aspects of collecting with Museum staff. Free refreshments. Admission \$1. 8 p.m.

5 SATURDAY

- Music** "The Keyboard World of Bach". "Exploration and Performance". Reginald Godden, pianist. Third and fourth of a series of thirteen Saturday afternoons. Concert Hall, Royal Conservatory of Music. 4.30 and 5.30 p.m.

7 MONDAY

- Lecture** School of Graduate Studies and the Departments of Chemical Engineering, Civil Engineering and Metallurgy and Materials Science. "Short Transverse Properties of Certain High-Strength Steels". Mr. A. D. E. Thomson, United Kingdom Naval Construction Research Establishment, Dunfermline, Scotland. Room 254 Mechanical Building. 2 p.m.

8 TUESDAY

- Films** Department of French, U.C. *Les Ludions*, *L'Avocat de la défense* and *Matin sur la Lièvre*. Repeated Wednesday. Room 104, U.C. 1.10 p.m.

(See page 2, col. 1)

OCTOBER 10 DEADLINE

All material for the October 17 issue should be in the hands of the editor, Mrs. Winogene Ferguson, by noon on the 10th of October. Her address is Room 225, Simcoe Hall (928-2102).

who wish to do so to follow specialised programmes of study comparable in academic merit to the present Honour Courses;

(3) That Council accept the proposed distinction between a three-year Bachelor's degree and a four-year degree with Honours open to both specialists and non-specialists; that only students who obtain at least II Class standing in third year be eligible to enrol in a fourth year programme;

(4) That Council endorse the general proposals of the Macpherson Report with respect to the reduction of formal teaching hours and accept the maxima recommended in the sub-committee report.

The first proved to be a "pivot" for lively discussion as to whether freshmen needed protection from freedom of choice based on high school understandings of university disciplines—or protection from the pre-requisites demanded for specialisation in later years—or no protection at all. From this grew the general discussion that will be continued.

Teaching Staff urged to attend tonight's special meeting

Tonight's special general meeting of the Association of the Teaching Staff, called on a week's notice by the A.T.S. executive, will discuss the Commission on the Structure of the University, described by President Claude Bissell as one of the most important committees in the University's history.

Under the plan proposed by President's Council and confirmed by the Board of Governors, the teaching staff, students, adminis-

tration and governors would be represented equally on the commission. In a counter proposal, Students' Administrative Council says it should consist of four students and four from the faculty, plus the President and two governors as non-voting members.

The special meeting is called for 8 p.m. in Cody Hall, School of Nursing (Russell Street entrance). A good turn-out has been urged by Prof M. F. Grapko, the A.T.S. chairman.

COMING EVENTS

OCTOBER Continued from page 1

8 TUESDAY

- Seminars**
- Department of Geology. First of eight geological seminars on the theme "Practical Applications of Recent Theoretical and Experimental Work to the Geology of Ore Deposits". "Recent Research in Sulfide Geochemistry" Dr. G. Kullerud, Geophysical Laboratory, Carnegie Institution of Washington. Room 101, Mining Building. 4 p.m.
- Banting and Best Department of Medical Research. "Studies on the Mechanism of Hormone Action in Cell Cultures". Dr. Bernard Schimmer, Brandeis University. Room 417 The C. H. Best Institute. 2 p.m.
- Colloquium**
- Department of Mathematics. "Virus Macromolecules and Geodesic Domes". Prof. H. S. M. Coxeter. Room 2102 Sidney Smith Hall. 4.10 p.m.
- Lecture**
- Repair and restoration of 17th and 18th century buildings are discussed by Rodney Tatchell of England on Tuesday and Wednesday at 5.30 p.m. ROM main building.

9 WEDNESDAY

- Lecture**
- School of Graduate Studies and Department of Political Economy. "Collectivist Politics and Participatory Democracy in Gaullist France". Prof. Henry W. Ehrmann, Dartmouth College, Hanover, N.H. Room 3050 Sidney Smith Hall. 2 p.m.
- Seminar**
- Department of Astronomy. "Isotopic Determinations in Stellar Spectra". Dr. Benjamin F. Peery, Indiana University. David Dunlap Observatory. 4 p.m.

10 THURSDAY

- Seminar**
- Banting and Best Department of Medical Research. "Gluconeogenesis in New-born Rat Liver". Dr. F. J. Ballard, Fels Research Institute, Temple University. Room 417 The C. H. Best Institute. 2 p.m.
- Music**
- Faculty of Music Thursday Afternoon Series. "The Wagnerian Cycle". Dr. W. F. Blissett. Concert Hall. Edward Johnson Building. 2 p.m.
- Lecture**
- School of Graduate Studies and Department of Mechanical Engineering. "Refinements Required for a Useful Theory of Rolling". Dr. H. Muensterer, Alcan Laboratories, Kingston, Ontario. Room 254 Mechanical Building. 4.10 p.m.
- Debate**
- Hart House Debate. Honorary Visitor: President Claude Bissell. Topic: "Student Power Works Against the Best Interests of the University Community". Debates Room. 8 p.m.
- Romarama**
- Comedian Johnny Wayne is host of the special party sponsored by the ROM Members' Committee to introduce non-members to the ROM. There will be entertainment, demonstrations, behind-the-scenes tours, spot talks, celebrities, door prizes and refreshment areas on every floor. Tickets, at \$2.50 each, may be obtained by calling 928-3669. ROM main building. 8.30 to 11.30 p.m.

12 SATURDAY

- Athletics**
- Rugger and Soccer. Waterloo at Varsity. Back Campus. 12 o'clock noon.

15 TUESDAY

- Films**
- Department of French, U.C. *Pas un mot* and *Ombre sur la prairie*. Repeated Wednesday, Room 104, U.C. 1.10 p.m.
- Lecture**
- School of Business-Canadian Imperial Bank of Commerce. "Organizational Illnesses: An Analysis". Part I of two lectures on "Organizational Illnesses: Causes and some possible cures". Prof. Chris Argyris, chairman of Yale University's Department of Administrative Sciences, director of research on Problems of Individual Organizational Health, and a fellow of Jonathan Edward College. Convocation Hall. 8.15 p.m.

Ph.D. Orals

All members of the Graduate Faculty have the right to attend Ph.D. oral examinations.

Friday, Oct. 4

W. M. Chamberlain, Department of Zoology. "A Preliminary Investigation of the Nature and Importance of Soluble Organic Phosphorus in the Phosphorus Cycle of Lakes". Room 201, 65 St. George Street. 10 a.m.

Monday, Oct. 7

A. V. Tyler, Department of Zoology. "Food Resource Division in a Community of Marine Fishes". Room 207, 65 St. George Street. 10 a.m.

J. A. Wright, Department of Physics. "Geothermal Investigations Using *In Situ* Techniques". Room 201, 65 St. George Street. 2 p.m.

Wednesday, Oct. 9

D. Kadar, Department of Pharmacology.

"Effect of Prostaglandin on the Isolated Vascular Tissue". Room 201, 65 St. George Street. 2 p.m.

Friday, Oct. 11

R. Lorimer, Department of Educational Theory. "Change in Developmental Level of Moral Judgements: The Influence of Social Imitation and an Exposition of Basic Ethical Concepts". Room 207, 65 St. George Street. 10 a.m.

C. G. van Zyll de Jong, Department of Zoology. "A Systematic Study of the Nearctic and Neotropical River Otters (Order: Carnivora; Family: Mustelidae)". Room 207, 65 St. George Street. 2 p.m.

Thursday, Oct. 17

T. N. Soundararajan, Department of Chemical Engineering. "Macromolecular Properties of Polycyclic Aromatic and Lignins". Room 201, 65 St. George Street. 10.10 a.m.

EXHIBITIONS

Emrys Evans of the Rare Books Department, binding division, is preparing an exhibition of bookbinding, forwarding and finishing. It will be shown in the lobby of the University Library from Sept. 20 until late October. Some of the bindings are the work of the late Douglas Duncan.

Hart House Art Gallery Exhibition. Art Class Show and Print Rentals. Until Oct. 4. (Women welcome 2-5 p.m.)

Contemporary Australian Prints. Represented in the exhibition of 25 prints by 14 leading Australian artists are works by Sidney Nolan and Arthur Boyd. ROM Lower Rotunda until Oct. 20.

The early history of printing from Guttenberg to the early seventeenth century. A

collection of originals and facsimiles from The Centre for Reformation and Renaissance Studies. The E. J. Pratt Library, Victoria University until Oct. 31.

Through the courtesy of the Art Gallery of Ontario, an exhibition of the sculpture of Rumanian-born Sorel Etrog will be held in Scarborough College, Military Trail at Morningside Avenue (south of Highway 401 at interchange 61), beginning Saturday, Oct. 5, for about one month. Visiting hours: Monday to Saturday, 9 a.m. to 6 p.m.; Sundays, 1 to 6 p.m.

Gakki: Musical Instruments of Japan. A display of 17 Gakki and 12 photo-panels of musicians playing the instruments are in the ROM's Third Floor Rotunda until Nov. 10.

Dr. Bissell is the honorary visitor for student power debate Oct 10

"Student power works against the best interests of the university community."

That's the topic to be discussed at the Hart House debate on Thursday, October 10, at 8 p.m. The Honorary Visitor will be President Claude Bissell, who is to speak at the conclusion of the debate.

Arguing against the statement will be Steve Langdon, president of the Students' Administrative Council, and Ted Rotenberg, first year Law student. For the defence the speakers will be John

Winter, president of the Graduate Students' Union, and William G. Charlton, fourth year Law. After the four debaters have presented their cases, Speaker Edward M. Bridge will invite comments from the audience.

It is customary for the Honorary Visitor to sit on either the "Aye" or "Nay" side of the Debates room. Dr. Bissell's choice of place is not known yet. Nor has he decided in what direction his remarks will take. That will "depend upon the cogency of the arguments."

STAFF NOTES

Arts and Science

On July 3, DR. D. E. BERLYNE spoke on the topic "The Psychology of Aesthetic Behaviour" at the Department of Art Education, Pennsylvania State University.

DR. JOAN E. FOLEY visited the Department of Psychology at Sydney University, Sydney, Australia during June and participated in two seminars. She also visited the Department of Psychology at Monash University, Melbourne.

DR. B. FORRIN presented a paper entitled "Recognition Times for Items in Short and Long-term Memory" at the Donders' Centenary Symposium on Reaction Time at the Institute for Perception Research, Eindhoven, the Netherlands, July 29-Aug. 2.

DR. B. MURDOCK participated in the Fifth California Conference on Verbal Learning held at Lake Arrowhead, Calif., June 9-14. He also presented a paper in a symposium entitled "Models of Memory" at the Mathematical Psychology Meetings in Stanford, Calif. on Aug. 29.

DR. VIVIAN PASKAL was a discussant at a conference entitled "Moral Education: An Interdisciplinary Discussion of Selected Topics", sponsored jointly by the O.I.S.E. Departments of History and Philosophy of Education and of Applied Psychology in June.

University College

PROF. D. F. S. THOMSON spent the academic year 1967-68 as visiting professor of Classics in the University of North Carolina, Chapel Hill. He also gave a course for graduate students in Latin during the first session of the University of North Carolina Summer School in Classics.

PROF. E. A. JOLIAT attended the triennial conference of the American Comparative Literature Association held at Bloomington, Indiana, April 19-20. He was re-elected to the Advisory Board of the Association. In June he attended the annual meeting in Calgary of the Association of Canadian University Teachers of French, and gave a short talk at the pre-organizational meeting of the proposed Canadian Comparative Literature Association on "The Present Situation in National and International Comparative Literature Associations".

Victoria College

PROF. ROSS H. MACDONALD spoke at Asia House, New York, Oct. 2 on "Korea's Relations with Her Neighbours: Challenge and Response-Russia".

Knox College

PROF. J. C. HAY attended the biennial meeting of the American Association of Theological Schools in St. Louis, Mo., in June.

DR. G. L. DOUGLAS attended the meetings of the American Association of Theological Librarians held concurrently with the meeting of the American Association of Theological Schools at Concordia Seminary, St. Louis, Mo., June 10-13.

PRINCIPAL J. S. GLEN and PROF. J. C. HAY attended the National Consultation on Theological Education at McMaster Divinity School, June 18-21.

PROF. D. W. HAY attended the meetings of the World Council of Churches at Uppsala, Sweden, in July.

Medicine

In the Department of Biochemistry, PROF. G. R. WILLIAMS has returned from sabbatical leave spent in the laboratory of PROF. M. R. LEINBERG, Royal North Shore Hospital of Sydney, Australia. During the year the following seminars were given: Aug. 16, 1967, to the Symposium on Cytochromes, Kobe, Japan, "Ascorbate Reduction of Different Forms of Cytochrome c"; Nov. 29, 1967, to the Sydney branch of the Aus-

tralian Biochemical Society and the Department of Biochemistry, University of New South Wales, "Control Mechanisms in the Tricarboxylic Acid Cycle"; Feb. 28, 1968, to a symposium on the Molecular Biology of Chloroplasts and Mitochondria, Monash University, "Energy Conservation in the Cytochrome Oxidase Reaction"; March 4, 1968, to the Department of Biochemistry, Waite Institute of Agriculture, Adelaide, "Mechanism of the Cytochrome Oxidase Reaction"; March 5, to the Department of Biochemistry, University of Adelaide, "Regulation of the Citric Acid Cycle"; March 26, to the Graduate Departments of Biochemistry, John Curtin School of Medical Research, Australian National University, "Rate Studies in the Citric Acid Cycle"; March 27, to the Division of Plant Science, C.S.I.R.O., Canberra, "Oxygenated Cytochrome Oxidase"; April 29, to the Molecular Biology Unit, Tata Institute of Fundamental Research, Bombay, "Turnover Measurements in the Tricarboxylic Acid Cycle"; May 6, to the Institute for Molecular Biology and Institute for Biochemistry, University of Vienna, "The Oxidised Forms of Cytochrome Oxidase"; May 15, to the Round Table Discussion on the Energy Level and Metabolic Control in Mitochondria, Polignano a Mare, "The Location of Rate Limiting Steps in the Tricarboxylic Acid Cycle"; June 13, to the Department of Biochemistry, University of Bristol, "Tracer Studies of the Tricarboxylic Acid Cycle in Isolated Mitochondria".

Applied Science and Engineering

PROF. K. G. BALMAIN, presented an invited paper (co-authored by T. A. OKSIUTIK) entitled "RF Probe Admittance in the Ionosphere: Theory and Experiment" in April at the NATO Advanced Study Institute on Plasma Waves in Space and in the Laboratory, Røros, Norway. He also attended the Congress of the Canadian Association of Physicists at Calgary in July.

PROF. P. P. BURINGER attended the meeting of the Accreditation Committee of the Engineering Joint Council on Professional Development (ECPD) as a delegate of the

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United Appeal

Dr. Albert Rose of the School of Social Work is again the general chairman for the canvass for the United Appeal among University of Toronto staff. He will be assisted by approximately 100 other volunteer canvassers.

Dr. Bissell expressed the hope that every member of the staff would support this worthy community effort. The United Appeal is the one combined campaign for 78 volunteer agencies each year, providing services in family counselling, programs for the elderly, youth services and essential work with neglected children. Our community needs these services which involve thousands of volunteers including a large number of university staff.

Dr. Bissell praised the generosity of staff members who had contributed to the United Appeal in recent years. At the same time he recognized that the number who contribute could be improved. "Our record of participation is not among the highest. The volunteers who give leadership to the United Appeal had expected that the University staff would appreciate the significance of the work of volunteer agencies and accordingly would contribute in large numbers. I hope that this year we can improve our record."

Appointed & Promoted

Scarborough College needs a Registrar immediately. Candidates are asked to write Principal A. F. W. Plumptre — or telephone him at 284-3111.

Erindale College

W. C. CARL BERMAN (History), appointed associate professor is a graduate of Ohio State, has taught there, also at California State College and for three years at the University of Louisville. His major field is recent American History.

D. C. TOZER (Physics) is a graduate of Bristol University and Cambridge University, where he received his Ph.D. in 1958. From 1958 to 1964 he lectured at the University of Newcastle upon Tyne.

ALBERT MOIR (Anthropology) appointed assistant professor, was educated at the Universities of California, Washington and Wisconsin. He has taught at U.S.A.E.P., Washington, Wisconsin, Yonsei University, Seoul, and for two years at Tulane University.

R. C. FLOWRIGHT (Zoology) earned B.A. and M.A. degrees at Cambridge and his Ph.D. at the University of Manitoba. For two years has been with the Department of Entomology, Oregon State University.

Medicine

QUENTIN A. F. RAE-GRANT, assistant professor of child psychiatry, The Johns Hopkins Hospital, Baltimore, Md., chief of the social psychiatry section of the National Institute of Mental Health, Bethesda, Md., and director and chief of the Institute's Mental Health Study Center, has been appointed professor of psychiatry in the University of Toronto. Dr. Rae-Grant will also be psychiatrist-in-chief at the Hospital for Sick Children.

Dr. Rae-Grant was born in Aberdeen, Scotland, in 1929 and graduated from the University of Aberdeen School of Medicine in 1951, being awarded the Sheppard Gold Medal in Surgery, the Ogston Prize in Surgery and the Wyllie Prize in Mental Diseases. He gained his diploma in psychological medicine from the University of London in 1958 and joined the Jewish Hospital, St. Louis, Mo., as associate director of child psychiatry. In 1959 he became director of child psychiatry. In 1960 he became instructor in paediatrics and psychiatry at Johns Hopkins University and from 1962 to 1965 was director of Mental Health, St. Louis County Health Department, St. Louis, Mo.

M. D. REJSKIND, appointed assistant professor (Psychiatry) has an M.D. from Paris University, studied Psychiatry and Obstetrics and Gynaecology, then was in general practice in Paris. In 1949 he went to Saskatchewan Hospital, Weyburn, and later to Regina. For six years he was senior specialist and later chief of Psychiatry at Weyburn, and since 1959 has been director of Munroe Wing and Clinic, Regina.

Prior to his appointment as administrator at the Clarke Institute of Psychiatry, J. W. BANKS was assistant administrator in a 350 bed military hospital in Europe. He was subsequently appointed medical administrative officer in a Medical Headquarters. His immediate responsibility at that time was to provide the medical co-ordination required to ensure that all units within a 300 mile radius of Toronto were adequately cared for medically. This included Regular and Reserve components of all three services. Mr. Banks is a graduate of the Canadian Hospital Association Extension Course in Hospital Organization and Management. He has been accepted as a nominee of the American College of Hospital Administrators.

The following have been promoted to the rank of professor: A. F. W. ANGLIN, D. E. BERGSAGEL, B. BERRIS, MISS J. F. DAVEY, F. M. HILL, A. J. KERWIN, M. A. OGYZLO, J. C. RICHARDSON and A. H. SQUIRES (Medicine); J. D. BAILEY (Paediatrics); R. C. ROSS and C. R. MCLEAN (Pathology).

Promoted to associate professorships are: E. D. WIGLE, J. R. HILLIARD, W. A. MAHON, T. T. ZSOTER, C. R. BURTON, A. D. MCKELVEY, J. T. MAROTTA, D. P. MURNAGHAN, W. A. OILLE, J. K. WILSON, J. D. L. FITZGERALD and J. G. HUMPHREY (Medicine); C. J. ANGLIN, J. E. BOONE, M. J. O'BRIEN, J. A. P. TURNER and C. P. RANGE (Paediatrics); MRS. S. RITCHIE, M. D. SILVER, G. SIMON and D. M. YOUNG (Pathology); R. POS and R. E. TURNER (Psychiatry).

The following have been promoted to assistant professor: D. S. BEANLANDS, D. D. MCCARTHY, R. S. MCPHEDRAN, J. W.

Make first full-time staff appointments at the Centre for Culture & Technology



The Watsons are greeted by Professor McLuhan on their arrival from the West

Dr. Wilfred Watson and his wife, Sheila Watson, have been appointed Research Associates in the School of Graduate Studies for the Centre for Culture and Technology. They are the Centre's first full-time staff members.

Professor Watson and Mrs. Watson will join Professor Marshall McLuhan, the Director, in "team-teaching" of three graduate courses and one undergraduate course in English. There will be no lectures—just dialogue (or, as Dr. McLuhan puts it, dialogue) between teachers and students.

The undergraduate course, in modern poetry, is being given at St. Michael's College, in which Dr. McLuhan is Professor of English. It will be modelled on one Dr. McLuhan gave at Fordham last year (with Harley Parker and Professor Edmund Carpenter) to 250 students.

Beginning this month, Professors McLuhan, Wilfred Watson and Sheila Watson will lead graduate courses in modern poetry and modern criticism, and, as part of the work of the Centre for

Culture and Technology, a seminar course in "Media and Society".

Wilfred Watson, a native of England, with a B.A. from the University of British Columbia and his M.A. and Ph.D. from University of Toronto, is a distinguished scholar of English, a poet and a playwright. He comes to U of T from the University of Alberta, Edmonton, where he and his wife were both professors of English. Previously he taught at U.B.C. and the University of Alberta at Calgary (now University of Calgary). His most recent published collection of poems, *Friday's Child*, won for him a Governor General's Award in 1956.

Professor Watson has written numerous plays. One of them, *O Holy Ghost, Dip Your Finger in the Blood of Canada and Write "I Love You"* (which students shortened to "Dip"), was written to convey to the audience many of Professor McLuhan's thought-provoking ideas. It was first produced at the University of Alberta by Professor Gordon Peacock, head of the drama department there. In

addition to the normal presentation on stage, Professor Peacock used 32 film projectors and 12 screens in the production. Professor Watson's first substantial play, an experimental one, *Cockcrow and the Gulls*, was also produced by Professor Peacock.

Sheila Watson, born at New Westminster, has her B.A. and M.A. from the University of British Columbia and her doctorate from the U of T, where she prepared her thesis under the supervision of Professor McLuhan. Mrs. Watson is an authority on the work of Wyndham Lewis, whose biography she is now writing. In 1956 Mrs. Watson published a novel, *The Double Hook*, the story of which is based on a Kootenay Indian legend.

Professors McLuhan and Wilfred Watson are collaborating on a book, to be published next year. *Cliché to Architect* will be concerned with virtually every aspect of life—management, mathematics, advertising, literature, science, language, to name a few.

Law

DEREK MENDES DA COSTA, appointed professor, has held the same position at Osgoode Hall Law School since 1965. He was educated at the University of London, and the University of Melbourne. He was solicitor of the Supreme Court of England, 1955; barrister and solicitor of the Supreme Court of Victoria, 1963. He has taught at University of London, University of Melbourne and at Harvard. Prof. Mendes da Costa was a member of The International Faculty of Comparative Law (Strasbourg), 1966.

ALAN WILLIAM MEWETT, also appointed professor, has been associate dean and professor at Osgoode Hall Law School, and director of the Criminal Law Program there. Educated at the Universities of Birmingham, Oxford and Michigan, he has taught at the University of Chicago, at Saskatchewan and Queen's. Prof. Mewett is a member of Gray's Inn, and of the Ontario Bar.

DAVID L. JOHNSTON, appointed assistant professor, has held the same post at Queen's University since 1966. He is a graduate of Harvard, Cambridge and Queen's.

STEPHEN M. WADDAMS, appointed assistant professor, holds degrees from the U of T, Cambridge, and the University of Michigan.

Music

LOTHAR KARL KLEIN has been appointed associate professor in the Theory and Composition Department. Prof. Klein earned his B.A., M.A. and Ph.D. from the University of Minnesota and comes from the Music Department, University of Texas.

HERBERT C. MUELLER, appointed asso-

ciate professor in the Music Education Department, has taught at the School of Music, Indiana University for the past eleven years. One of the leading trumpet performers and teachers in the United States, he is a graduate of the Juillard Institute of Music, New York City and Teachers College, Columbia University.

Royal Conservatory of Music

DAVID OUCHTERLONY, organist and choir-master of Timothy Eaton Memorial Church, has been appointed acting principal of the School of Music, Royal Conservatory of Music of Toronto, succeeding the late ETTORE MAZZOLENI.

Graduate Studies

E. S. LEE (Computer Science) has been promoted to associate professor.

M. J. S. HODGE (History and Philosophy of Science and Technology) has been promoted to assistant professor.

Connaught Medical Research Laboratories

The following promotions are announced: E. M. HARBOR to financial administrator; W. P. GERALD to executive administrator; in addition, he has been appointed secretary to the Connaught Committee of the Board of Governors of the University of Toronto; W. A. FERGUSON to secretary; K. LAWSON to research member; and J. G. BLACK to research associate.

Architecture

J. H. ANDREWS (Architecture) and R. A. STRONG (Landscape Architecture) have been promoted to the rank of professor.

"U of T indicted without proof" says *The Star*

The following editorial was published last Thursday (September 26) by the *Toronto Daily Star* under the heading "U of T indicted without proof":

Does the University of Toronto run some risk of becoming a tool of the Pentagon and the U.S. State Department?

Backing up student activists, Stephen Lewis, NDP member of the Legislature for Scarborough West, implies that it does.

Mr. Lewis has a valid point, often argued by *The Star*, when he claims that the university Board of Governors is overloaded with big businessmen. It should be more representative of the community as a whole.

But he proves nothing about the University of Toronto when he cites the connections of some of these men with parent companies which manufacture equipment for the American war effort in Viet Nam or which sell war planes to the South African government.

For that he would need evidence that they try,

successfully, to shape university policies to serve the military interests of those companies. He offers no such evidence.

Nor does Mr. Lewis make his case when he points out that the university got nearly \$500,000 last year for research from five agencies of the U.S. government, including the three armed services and the aeronautics and space administration.

The questions that matter here, from the standpoint of the university's integrity, are whether the work is secret and whether it is intended for direct military application.

Mr. Lewis himself is careful not to raise any suspicion that U. of T. scientists are trying to improve napalm or prepare deadlier germ warfare. But he suggests the tune will eventually be called by those who pay the piper.

In fact, the university's policies give strong guarantees against this. It does not accept secret research projects; all significant work must be published. And it does not do research in applied military science

except when Canada is at war.

The work being done for the U.S. government agencies is all fundamental research whose applications, whether for peace or war, cannot be predicted any more than the pioneer researchers into atomic structure could predict that the first application of the split atom would be a bomb.

One of the projects for the U.S. air force is called "a compendium of distributions of mathematical statistics;" another is "molecular interactions and crystal structures at low temperatures." The USAF is welcome to both, we should think.

Whatever the results, the function of the U. of T. scientists at this stage is no more sinister than it would be if the assignments had come from the Banting Institute or the National Research Council of Canada.

The New Left and its political sympathizers in Canada should beware of indiscriminately applying American slogans and protests to institutions here. Better to find out first if our universities are actually doing anything reprehensible.

STAFF NOTES

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Canadian Council of Professional Engineers in Los Angeles, June 14-15, 1968, and also attended a meeting of the American Society of Engineering Education in Los Angeles, June 17-20, 1968. Prof. Biringer attended the Conference on Electric Arc Phenomena in Swansea, Wales, July 15-18, 1968 as a Member of the International Advisory Committee.

PROF. P. E. BURKE and R. T. H. ALDEN attended the IEEE Summer meeting at Chicago, June 28-30, when they presented a paper entitled "Current Density Probes".

PROF. E. J. DAVISON presented a paper entitled "Optimum Variable Measurement in Multivariable Control Systems" at the IFAC Symposium on Multivariable Control Systems held at Dusseldorf, Germany.

PROFS. P. I. BOULTON, W. JANISCHEWSKYJ, E. S. LEE, S. D. T. ROBERTSON, G. R. SLEMON and R. T. H. ALDEN in co-operation with several representatives from the power industry, the Engineering Education Section of the Canadian Electrical Association and the University of Toronto Extension Department presented a continuing-education course on "Digital Computers in Power Systems Engineering" from May 5 to 17. The course was attended by 30 engineers from various interested Canadian industries.

PROF. W. JANISCHEWSKYJ attended the meeting of the Canadian Electrical Association, held in Toronto on April 16 to 19. He also participated at the Annual Conference of Canadian Investigators of High Voltage Corona in Ottawa, May 23-24, and spoke on "Corona Extinction Gradients in Cylindrical Geometries". Prof. Janischewskyj represented the Department of Electrical Engineering at the Third Canadian Conference on Electrical Engineering Education, held at the University of Sherbrooke and served as chairman of one of the discussion groups. He also attended the Summer Power Meeting of IEEE in Chicago, June 24-25, where he took part as the Canadian member in the meeting of the Power Group Chapters Committee and in the Power Group Council. Prof. Janischewskyj participated in discussions of the Canadian National Committee on proposed changes in publication 60 (1962) of the IEC entitled "High Voltage Test Techniques", Aug. 27-28.

PROF. G. R. SLEMON attended the annual meeting of the Canadian Electrical Association at Jasper, Alberta, June 26-28. He also visited laboratories at the Imperial College of Science and Technology, London, and at the University of Lancaster, June 5-14.

On May 23 and 24 Dr. M. P. SARMA attended a high-voltage corona meeting in Ottawa, where he presented two papers entitled "Theoretical Analysis of DC Corona from Bipolar Conductor Configurations" and "Electrostatic Fields of Multiconductor Transmission Line Configurations".

Library Science

PROFS. KATHARINE L. BALL, OLGA B. BISHOP, MARGARET E. COCKSHUTT, ISABEL K. McLEAN and NANCY J. WILLIAMSON attended the annual conference of the Canadian Library Association held at Jasper Park Lodge, Alberta, June 8-14. Prof. Cockshutt attended the meetings of the Executive of the Canadian Association of College and University Libraries and made a presentation on Curriculum Revision to the annual meeting of the Canadian Association of Library Schools. Prof. Bishop was chairman of the meetings of the Re-

search and Special Libraries Section and attended the meetings of the Council of the Association.

As president of the Canadian Library Association, PROF. KATHARINE L. BALL attended a ceremony in Chicago on Sept. 7, where she accepted the Howard V. Phalin-World Book Graduate Scholarship in Library Science on behalf of the Association.

Pharmacy

The following members of the Faculty of Pharmacy presented papers at the Ontario College of Pharmacy Seminar held May 13-16: PROF. G. R. PATERSON on "Antitussives" and "The Niagara Apothecary at the Sign of the Golden Mortar"; PROF. D. R. KENNEDY on "Patient Record Cards"; and PROF. G. C. WALKER on "Athlete's Foot and Fungus Diseases".

PROF. G. R. PATERSON addressed the Central Chapter of the Ontario Branch of the Canadian Society of Hospital Pharmacists, April 23, on "Faith, Ethics and Drugs".

PROF. E. W. STIEB participated in the Conference on the History of Drug Control sponsored by the National Library of Medicine, Bethesda, Md., May 16-18. Prof. Stieb was appointed to serve on the Committee of Metric System of the Academy

of Pharmaceutical Sciences of the American Pharmaceutical Association. The purpose of the committee is to promote the universal use of the Metric System. He took part in the invitational symposium, "Some Interrelationships of Pharmacy and Medicine", and presented a paper on "The Artist Views Physicians and Pharmacists" at the 1968 meeting of the American Association for the History of Medicine in St. Louis, Mo., April 18. Prof. Stieb also read papers at the historical symposium and the section on contributed papers of the American Institute of the History of Pharmacy at its annual meeting in conjunction with the American Pharmaceutical Association at Miami Beach, Fla., May 6-8.

PROFS. D. R. KENNEDY, J. G. NAIRN and D. J. STEWART attended the Twentieth Annual Teachers' Seminar on Pharmacy, conducted by the American Association of Colleges of Pharmacy in Morgantown, W.Va., June 23-28. Prof. Nairn attended the Twenty-fifth Annual Meeting of the Canadian Conference of Pharmaceutical Faculties in Regina, Aug. 15-22.

Women's Athletics

Monday evenings from 7.00 to 9.00 p.m. the Benson Building is reserved for women graduates of the University of Toronto. Members of the faculty, faculty wives and members of the administrative staff. This year "Grad Night" will run from Oct. 7 to Dec. 9 and from Jan. 6 to March 24. An informal program which includes instruction

is offered in swimming, badminton, tennis, gymnastics, dance and golf. For further information, telephone 928-3441.

Business

PROF. M. G. EVANS participated in a symposium on "The Path-Goal Relationship as a Link between Job Satisfaction and Job Performance" at the annual meeting of the American Psychological Association (Division 14) in San Francisco on Sept. 1. The title of his contribution was "The Effects of Supervisory Behavior on the Path-Goal Relationship".

PROF. T. C. GRAHAM conducted a two day session on "Industrial Management as Pertaining to a Sheltered Workshop" at the Staff Course held by The Ontario Association for the Mentally Retarded at York University in August.

PROF. M. R. HECHT addressed the orientation forum of Students of the Fellows Program in Banking on Sept. 21. The title of his talk was "Experience is the Worst Teacher".

PROF. J. V. POAPST was in residence at the London School of Economics for the summer term, 1968, while holding a Canada Council Pre-Doctoral Fellowship.

PROF. G. D. QUINN addressed the 19th Alaskan Science Conference, Whitehorse, Y.T., on Aug. 30, on "The Political Economy at Northern Mineral Resource Ownership".

PROF. R. E. VOSBURGH delivered a paper, "Extent of Shopping Patterns as an Indication of Types of Buying Decisions", to the Association of Canadian Schools of Business at the annual meetings, June 10.

The Press

The following have been published since the summer issue of the *Bulletin*:

The Lives and Times of the Patriots. By Edwin C. Guillet. \$7.50

Soldiers of the International: A History of the Communist Party of Canada, 1919-1929. By William Rodney. (Canadian Studies in History and Government No. 10) \$7.50

Science, Spirit Superstition: A New Enquiry into Human Thought. By Constantin Brunner. \$11.75

The German Novel and the Affluent Society. By R. Hinton Thomas and Wilfred van der Will. \$4.75

Scholarship in Canada 1967. Edited by R. H. Hubbard. (Royal Society of Canada/Studia Varia Series No. 12) \$6.00

Human Senses and Perception. By G. M. Wyburn, R. W. Pickford, and R. J. Hirst. (Canadian University Paperbooks No. 82) \$3.50

Strength of the University. By Claude Bissell. \$7.50

Performance of Concrete: Resistance of Concrete to Sulphate and Other Environmental Conditions. Edited by E. G. Swenson.

Canadian Annual Review for 1967. Edited by John T. Saywell. Assisted by D. F. Forster. \$25.00

Trade Liberalization and the Canadian Furniture Industry. By David E. Bond and Ronald J. Wonnacott. (Canada in the Atlantic Economy 6) \$3.00

Trade Liberalization and the Canadian Pulp and Paper Industry. By W. E. Haviland, N. S. Takacsy, and E. M. Cape. (Canada in the Atlantic Economy 5) \$3.00

Trade Liberalization and Canadian Agriculture. By Gerald I. Trant, David L. MacFarlane and Lewis A. Fischer. (Canada in the Atlantic Economy 4) \$3.50

The Improvement of Mankind: The Social and Political Thought of John Stuart Mill. By John M. Robson. \$6.50

The Unfortunate Comedy: A Study of All's Well That Ends Well and its Critics. By Joseph G. Price. \$7.25

The President joins Mr. Pearson in section of American Academy

The death last December of the Rt. Hon. Vincent Massey (who had been elected in 1964) and the election this year of Dr. Claude Bissell have kept at 22 the total of foreign honorary members in the Administration and Affairs section of the Social Arts and Sciences division, American Academy of Arts and Science.

Dr. Bissell and the Rt. Hon. Lester B. Pearson (elected in 1957) are the only two Canadians in this group. Dr. Bissell was the sole Canadian among 20 foreign honorary members elected this year. The others were from Argentina, Britain, Colombia, Denmark, France, Germany, Israel and the USSR.

The American Academy of Arts and Sciences, founded at Boston, Mass., in 1780, comprises 2059 U.S. fellows and 312 foreign honorary members. In the past few years the society has become an increasingly important centre for collaborative studies such as on the Year 2000. The Academy's stated objective is "to cultivate every art and science which may tend to advance human honour, dignity and happiness".

The latest issue of the *Academy Records* has this listing for the section in which Mr. Pearson and the President are included:

ALEXANDER STEVEN BARON BISLAND
OF KINRAA '61
Aviemore, Scotland
CLAUDE THOMAS BISSELL '68
Toronto, Canada
JACOB BRONOWSKI '60
San Diego, Calif.
HEINRICH BRÜNING '38
Norwich, Vt.

ABBA EBAN '60
Rehovoth, Israel
VASILY SEMENOVICH EMELYANOV '65
Moscow, U.S.S.R.
SIR FRANK CHALTON FRANCIS '59
London, England
WALTER HALLSTEIN '62
Rennerod, Germany
MSTISLAV VSEVOLDOVICH KELDYSH '66
Moscow, U.S.S.R.
TRYGVE HALVDAN LIE '50
Oslo, Norway
ALBERTO LLERAS CAMARGO '66
Bogotá, Colombia
CHARLES HABIB MALIK '51
Beirut, Lebanon
ROBERT ERNEST MARJOLIN '63
Brussels, Belgium
MIKHAIL DMITRIEVICH
MILLIONSHCHIKOV '68
Moscow, U.S.S.R.
JEAN MONNET '62
Paris, France
LESTER BOWLES PEARSON '57
Ottawa, Canada
PAUL-HENRI SPAAK '50
Brussels, Belgium
LUCY STUART SUTHERLAND '65
Oxford, England
U THANT '63
New York, N.Y.
SIR STANLEY UNWIN '50
London, England
RAOUL JOSEPH MARIE, COMTE DE VITRY
D'AVAU COURT '61
Paris, France
BARBARA WARD, LADY JACKSON '66
London, England